



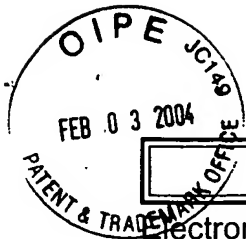
Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 54710
Application ID: 10629538
Title of Invention: STRUCTURAL CAROTENOID
ANALOGS FOR THE INHIBITION
AND AMELIORATION OF DISEASE
First Named Inventor: Samuel Lockwood
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-12-04
Effective Receipt Date: 2004-02-03
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 6864
Attorney Docket Number: 5777-00201




Total Fees Authorized:

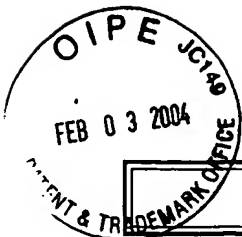
Digital Certificate Holder: cn=Eric B. Meyertons,ou=Registered Attorneys,ou=Patent and Trademark
Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 61b5bb3969c8251d004a3bf2b77b1fb168067af5



TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0


Title of Invention	STRUCTURAL CAROTENOID ANALOGS FOR THE INHIBITION AND AMELIORATION OF DISEASE									
Application Number: 10/629538 										
Date: 2003-12-04										
First Named Applicant: Dr. Samuel Lockwood										
Confirmation Number: 6864										
Attorney Docket Number: 5777-00201										
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>										
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Eric B. Meyertons Registered Number: 34,876</td><td>Eric B. Meyertons</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Eric B. Meyertons Registered Number: 34,876	Eric B. Meyertons	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Eric B. Meyertons Registered Number: 34,876	Eric B. Meyertons	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>IDS_1-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	IDS_1-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	IDS_1-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	STRUCTURAL CAROTENOID ANALOGS FOR THE INHIBITION AND AMELIORATION OF DISEASE																																														
<p>Application Number: 10/629538 </p> <p>Confirmation Number: 6864</p> <p>First Named Applicant: Samuel Lockwood</p> <p>Attorney Docket Number: 5777-00201</p> <p>Art Unit: 1614</p> <p>Examiner: Unknown Unknown</p> <p>Search string: (3989757 or 4304784 or 4435427 or 4491574 or 5057494 or 5221668 or 5278189 or 5310554 or 5326757 or 5328845 or 5346488 or 5364563 or 5422247 or 5455362 or 5492701 or 5527533 or 5589468 or 5607707 or 5607839 or 5612485 or 5643943 or 5668183 or 5744502 or 5801159 or 5811446 or 5837224 or 5849345 or 5854015 or 5858700 or 5863953 or 5876782 or 5886053 or 5895659 or 5968251 or 5976575 or 6020003 or 6040147 or 6043259 or 6046181 or 6051587 or 6132790 or 6218436 or 6232060 or 6245818 or 6258855 or 6265450 or 6313169 or 6331537 or 6335015 or 6344214 or 6426362 or 5153001 or 5871766 or 5891907 or 5925684 or 6054491 or 6083520 or 6093348 or 5457135 or 6060511 or 4176179 or 4070460 or 4046880 or 4038144 or 4009270 or 3975519 or 3965261 or 5705180 or 6075058 or 5897871 or 6579544 or 20020110604 or 20030035821 or 20030180406).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>3989757</td><td>1976-11-02</td><td>Surmatis</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>4304784</td><td>1981-12-08</td><td>Fujimura et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>4435427</td><td>1984-03-06</td><td>Hoppe et al.</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	3989757	1976-11-02	Surmatis					2	4304784	1981-12-08	Fujimura et al.					3	4435427	1984-03-06	Hoppe et al.											
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																								
	1	3989757	1976-11-02	Surmatis																																											
	2	4304784	1981-12-08	Fujimura et al.																																											
	3	4435427	1984-03-06	Hoppe et al.																																											

	4	4491574	1985-01-01	Seifter et al.
	5	5057494	1991-10-15	Sheffield
	6	5221668	1993-06-22	Henninfield et al.
	7	5278189	1994-01-11	Rath et al.
	8	5310554	1994-05-10	Haigh
	9	5326757	1994-07-05	Demopoulos
	10	5328845	1994-07-12	Finkelstein et al.
	11	5346488	1994-09-13	Prince et al.
	12	5364563	1994-11-15	Cathrein et al.
	13	5422247	1995-06-06	Finkelstein et al.
	14	5455362	1995-03-05	Ernst et al.
	15	5492701	1996-02-20	Cervos et al.
	16	5527533	1996-06-18	Tso et al.
	17	5589468	1996-12-31	Lin et al.
	18	5607707	1997-03-04	Ford et al.
	19	5607839	1997-03-04	Tsubokura et al.
	20	5612485	1997-03-18	Schlipalius
	21	5643943	1997-07-01	Gamache et al.
	22	5668183	1997-09-16	Leuenberger
	23	5744502	1998-04-28	Lignell et al.
	24	5801159	1998-09-01	Miller et al.
	25	5811446	1998-09-22	Thomas
	26	5837224	1998-11-17	Voorhees et al.
	27	5849345	1998-12-15	Giger et al.
	28	5854015	1998-12-29	Garnett et al.
	29	5858700	1999-01-12	Ausich et al.
	30	5863953	1999-01-26	Luddecke et al.
	31	5876782	1999-03-02	Sas et al.
	32	5886053	1999-03-23	Schmutzler et al.
	33	5895659	1999-04-20	Luddecke et al.
	34	5968251	1999-10-19	Auweter et al.
	35	5976575	1999-11-02	Gellenbeck
	36	6020003	2000-02-01	Stroh et al.
	37	6040147	2000-03-21	Ridker et al.
	38	6043259	2000-03-28	Dhalla et al.
	39	6046181	2000-04-04	Oonishi et al.

40	6051587	2000-04-18	Dakashinamurti et al.
41	6132790	2000-10-17	Schlipalius
42	6218436	2001-04-17	Howard et al.
43	6232060	2001-05-15	Miller et al.
44	6245818	2001-06-12	Lignell
45	6258855	2001-07-10	Lorenz et al.
46	6265450	2001-06-24	Asami et al.
47	6313169	2001-11-06	Bowen et al.
48	6331537	2001-12-18	Hamilton et al.
49	6335015	2002-01-01	Lignell et al.
50	6344214	2002-02-05	Lorenz
51	6426362	2002-07-30	Miller et al.
52	5153001	1992-10-06	Ismail
53	5871766	1999-02-16	Hennekens
54	5891907	1999-04-06	Kolter et al.
55	5925684	1999-07-20	Schweikert et al.
56	6054491	2000-04-25	Lignell et al.
57	6083520	2000-07-04	Toneby
58	6093348	2000-07-25	Kowalski et al.
59	5457135	1995-10-10	Baranowitz et al.
60	6060511	2000-05-09	Gainer
61	4176179	1979-11-27	Gainer
62	4070460	1978-01-24	Gainer
63	4046880	1977-09-06	Gainer
64	4038144	1977-07-26	Gainer
65	4009270	1977-08-22	Gainer
66	3975519	1976-08-17	Gainer
67	3965261	1976-06-22	Gainer
68	5705180	1998-01-06	Schlipalius
69	6075058	2000-06-13	Handelman
70	5897871	1999-04-27	Schlipalius
71	6579544	2003-06-17	Rosenberg et al.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020110604	2002-08-15	Babish et al.			
	2	20030035821	2003-02-20	Heaton et al.			
	3	20030180406	2003-10-25	Sies			

Signature

Examiner Name	Date